IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: LaPointe *et al.*
Serial No.: 10/043,356
Filed: January 11, 2002

For: *METHOD FOR SELECTING MEDICAL AND BIOCHEMICAL DIAGNOSTIC TESTS USING NEURAL NETWORK-RELATED APPLICATIONS*
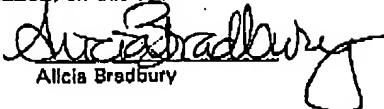
Art Unit: Unassigned
Examiner: Unassigned

TRANSMITTAL LETTER
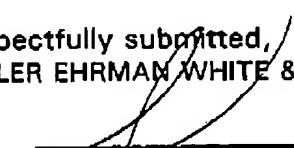
Commissioner for Patents
Arlington, VA 22202

Dear Sir:

Transmitted herewith are a Supplemental Information Disclosure Statement and Forms PTO-1449 (2 Pages) for filing in connection with the above-identified application. Because this Information Disclosure Statement is filed prior to receipt of a First Office Action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 50-1213, as stated below:

☒   The Commissioner is hereby authorized to charge any fee, including any submitted herewith if the attached check(s) is in the wrong amount or otherwise improper or missing, that may be due in connection with this and the attached papers, or with this application during its entire pendency to or to credit any overpayment to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted,
HELLER EHRMAN WHITE & McAULIFFE LLP

By: _____
Stephanie Seidman
Registration No. 33,779

Attorney Docket No. 24727-801F
Address all correspondence to:
Stephanie Seidman, Esq.
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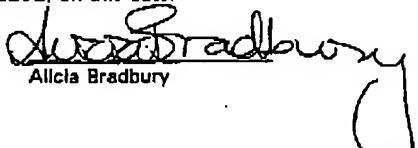
Art Unit: Unassigned
Examiner: Unassigned

TRANSMITTAL LETTER

Commissioner for Patents
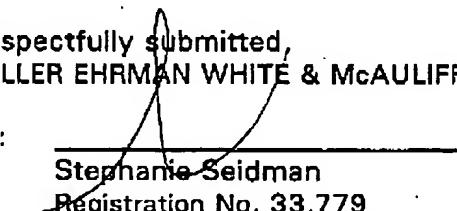Arlington, VA 22202

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Respectfully submitted,
HELLER EHRMAN WHITE & McAULIFFE LLP

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Stephanie Seidman
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Art Unit: Unassigned
Examiner: Unassigned

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN ACCORDANCE WITH 37 C.F.R. §§ 1.97-1.98

Commissioner for Patents
Arlington, VA 22202

Dear Sir:

Since this Supplemental Information Disclosure Statement is filed before the receipt of a first Office Action on the merits for the above-captioned application, no filing fee is due. If it is determined that a fee is due, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-1213.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all references known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Supplemental Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. The Forms PTO-1449 (2 pages) and cited references.

The documents listed on the Forms PTO-1449 are in the English language. Hence, in accordance with the requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed items is necessary.

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97(h), the filing of this Supplementa

1

U.S.S.N. 10/043,356
LaPointe *et al.*
Supplemental Information Disclosure Statement

Information Disclosure Statement shall not be construed to mean that a search has been
made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Applicant respectfully requests that the Examiner review the foregoing references
and information and that they be made of record in the file history of the above-captioned
application.

Respectfully submitted,
HELLER EHRMAN WHITE & McAULIFFE LLP

By: _____
Stephanie Seidman
Registration No. 33,779

Attorney Docket No. 24727-801F
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2

FORM PTO-1449 (Modified)	ATTY. DOCKET NO. 24727-801F	SERIAL NO. 10/043,356
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT LaPointe et al.	
	FILING DATE 01/11/02	GROUP 2122

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB CLASS	FILING DATE
	A	4	7	9	5	0	3	6	01/03/89	Williams et al.	209	667	06/15/87
	B	5	1	3	0	9	3	6	07/14/92	Sheppard et al.	364	551.01	09/14/90
	C	5	4	8	1	4	8	1	01/02/96	Frey et al.	364	551.01	11/23/92
	D	5	5	4	4	3	0	8	08/06/96	Giordano et al.	395	183.02	08/02/94
	E	5	6	9	0	1	0	3	11/25/97	Groth et al.	128	632	06/20/96
	F	6	8	1	7	4	6	1	10/06/98	Austin et al.	435	6	01/03/96
	G	5	8	7	8	7	4	6	03/09/99	Lemelson et al.	128	653.1	06/06/95

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

H	Al-Jumah et al. "Artifical Neural Network Based Multiple Fault Diagnosis in Digital Circuits," *ISACS '98 Proc. of the 1998 IEEE International Symposium on Circuits and Systems* Monterey, CA, USA, 31 May-3 June 1998 vol.2, pgs. 304-307 (1998)
I	Brownell, T.A. "Neural Networks for Senor Management and Diagnostics," *Proceedings of the IEEE 1992 National Aerospace and Electronics Conference, NAECON 1992* [Cat. No.92CH3158-3] Dayton, OH, USA, 18-22 May 1992. pgs. 923-929 (1992)
J	Burke, H.B. "Evaluating Artifical Neural Networks for Medical Applications," *Proceedings of International Conference on Neural Networks (ICNN'97)* [Cat.No.97CH36109] Houston, TX, USA, 9-12 June 1997 vol.4, pgs.2494-5 (1997)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

ATTY. DOCKET NO.	SERIAL NO.
24727-801F	10/043,356

APPLICANT
LaPointe *et al.*

FILING DATE	GROUP
01/11/02	2122

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	K	Marko *et al.*, "Automotive Diagnostics Using Trainable Classifiers: Statiscal Testing and Paradigm Selection," *(IJCNN) International Joint Conference on Neural Networks* [Cat. No.90CH2879-5] San Diego, CA, USA, 17-21 June 1990. vol.1, pgs. 33-8 (1990)
	L	Michel *et al.*, "Prognosis with Neural Networks Using Statistically Based Feature Sets," *Proceedings. 5th Annual IEEE Symposium on Computer-Based Medical Systems* [Cat.No.92CH3117-9] Durham, NC, USA, 14-17 June 1992. pgs. 695-702 (1992)
	M	Ouyang *et al.*, "Using a Neural Network to Diagnose Anterior Wall Myocardial Infarction," *Proceedings of the International Conference on Neural Networks (ICNN'97)* [Cat. No. 97CH36109] Houston, TX, USA, 9-12 June 1997. pgs. 56-61 (1997)
	N	Sheppard *et al.*, "A Neural Network for Evaluating Diagnostic Evidence," *Proceedings of the IEEE 1991 National Aerospace and Electronics Conference NAECON 1991* [Cat. No.90CH3007-2] Dayton, OH, USA 20-24 May 1991. vol.2, pgs.717-23 (1991)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

THE STAMP OF THE U.S. PATENT AND TRADEMARK OFFICE AFFIXED HERETO WILL BE EVIDENCE OF RECEIPT OF THE FOLLOWING (SENT VIA FIRST CLASS PRIORITY MAIL) ON MAY 20, 2002.

Client No.: 24727-801F (SLS:RHT/mo'n)
Enclosures: TRANSMITTAL LETTER (in duplicate); PRELIMINARY AMENDMENT; AND RETURN POSTCARD
Applicant(s): LaPOINTE, ET AL.
Serial No.: 10/043,356
Filed: JANUARY 11, 2002
For: METHOD FOR SELECTING MEDICAL AND BIOCHEMICAL DIAGNOSTIC TESTS USING NEURAL NETWORK-RELATED APPLICATIONS

PLEASE STAMP HERE (THANK YOU):

MAY 2 4 2002
PATENT & TRADEMARK OFFICE